

# Unit 05: Quiz and Information Apps

Content Area: **Business**  
Course(s): **Introduction to Mobile App Development**  
Time Period: **Semester 1 & 2**  
Length: **4 weeks**  
Status: **Published**

## Standards

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TECH.8.1.12	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.12.A.1	Create a personal digital portfolio which reflects personal and academic interests, achievements, and career aspirations by using a variety of digital tools and resources.
TECH.8.1.12.B	Creativity and Innovation: Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.
TECH.8.1.12.B.CS2	Create original works as a means of personal or group expression.

## Enduring Understanding

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Processing complex data is fundamental to computing.

## Essential Questions

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How do computer programs handle lists of inter-related information?

## Knowledge and Skills

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Understand what an index variable is and how it is used to traverse a list of information.

Learn how to use the ListPicker component to let a user choose an item.

Gain a basic understanding of complex data and in particular lists of lists.

## Transfer Goals

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Students can manage lists of iter-related data.

## Resources

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App Inventor development environment found at [appinventor.mit.edu](http://appinventor.mit.edu)